	100
Native Code	7
0x 200: Call A	
0x300: Call B	-105
OX500: Call C	

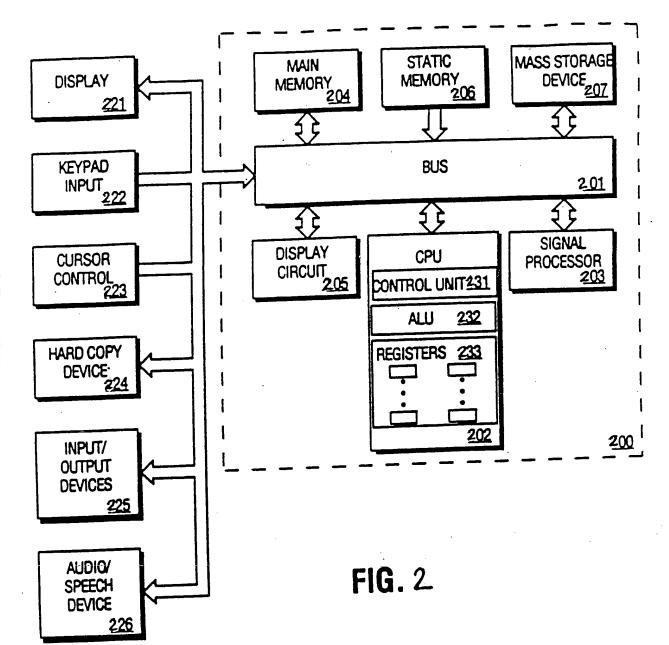
Method Garloge Collection Information - 111

Ox200: live references at Call A

Ox300: live references at Call B

Ox500: live references at Call C

Fig. 1 Prior Art



Native Code

Ox200: Call A

NOP (Live references at

CALLA)

Ox300: Call B

NOP (Live references at

Call B)

Ox500: Call C

NOP (Live references at

CALL C)

Garbage Collection Information

Method Garbage

Collection Information

- 310

Fig. 3

1400 Generate live reference information at program compilation -405 compute the number of bits required to record the 1410 information at each call site Divide the number of bits required to record the information by the -415 number of bits in each NOP to determine the number of NOPs required Insert the required number of NOPs for each call. -420 Record the live reference information into each of the -425 inserted NOPS for each call

Fig. 4